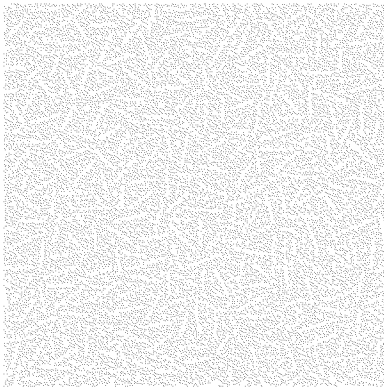


To: Way, Steven[way.steven@epa.gov]; Schmittiel, Paula[Schmittiel.Paula@epa.gov]
From: Lewis, Brent
Sent: Fri 11/21/2014 2:51:46 PM
Subject: Re: Latest version of the SGC letter - Version 5

Good catch. The original sentence was . "*the relationship to intersecting fractures, faults and mineralization*". Someone in EPA decided to split fractures out separately (which complicates the paragraph, and begs the question why?) and added "intersection fractures". With so many people in the review, it wasn't worth the argument.

On Thu, Nov 20, 2014 at 3:34 PM, Way, Steven <way.steven@epa.gov> wrote:



Paula and Brent,

I am addressing this to both of you because I suspect the following paragraph is largely from BLM. A couple comments:

1. The reference to a QAPP in both paragraphs discussing the Work Plans could be eliminated or moved and simply stated in the paragraph following the discussion about the Work Plans. "Work plans will be required to include appropriate quality assurance programs compliant with EPA's requirements."
2. Item number 2 below refers to "...intersection fractures" ... I am not sure what this means. Is the word supposed to be "insecting"?

In addition, the EPA, BLM and CDPHE request that Sunnyside develop a draft Remedial Investigation and Feasibility Study (RI/FS) work plan for the American Tunnel at Gladstone for review and discussion, and then implement the agreed upon work plan. The purpose of an RI/FS will be to provide the State and Federal agencies, as well as other stakeholders with a comprehensive understanding of the impacts of the American tunnel on

the water quality in Cement Creek and the Animas River at Silverton and possible remedial alternatives. We believe the work plan for the American Tunnel should include: 1) an in-depth investigation of the tunnel's history and construction; 2) its relation to intersection fractures; 3) the locations of faulting and mineralization intersected by the tunnel; 4) water chemistry as it relates to the various mineral deposits in the mountain; 5) groundwater pathways and hydraulic influence of the three bulkheads; 6) an evaluation of treatment and disposal options capable of mitigating the metal loading from the American Tunnel to adjacent streams and seeps and 7) a quality assurance project plan that complies with government requirements for all data collection activities.

Both the Mayflower Mill and Tailings area RI work plan and the American Tunnel RI/FS work plan should also include a project management plan addressing schedules, roles and responsibilities, and a review process that includes local stakeholders input.

Steven Way

Federal On-Scene Coordinator

Emergency Response Unit

US EPA - Region 8

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Denver, CO 80202

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From: Schmittziel, Paula

Sent: Wednesday, November 19, 2014 1:34 PM

To: Brent Lewis (Brent_Lewis@blm.gov); Ann Umphres; doug.jamison@state.co.us; Scott.Schultz@state.co.us; Sisk, Richard; Rudy, Michael; Peterson, Cynthia

Cc: Wharton, Steve; Way, Steven; Wall, Dan; Murray, Bill

Subject: Latest version of the SGC letter - Version 5

Just some minor tweaks – hoping to finalize this Friday.

Paula Schmittiel

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